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APPLICATION NO.	I	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/752,622	/752,622 01/06/2004		Yean Kee Yong	14580-046001	5966	
20985	7590	07/17/2006		EXAM	EXAMINER	
FISH & RI	CHARD	SON, PC	LEE, WILSON			
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MINNEAPO	DLIS, MI	N 55440-1022	ART UNIT	PAPER NUMBER		
				2163		
				DATE MAILED: 07/17/2006		

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)			
		10/752,622	YONG ET AL.			
	Office Action Summary	Examiner	Art Unit			
		Wilson Lee	2163			
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply						
WHIC - Exter after - If NO - Failu Any r	ORTENED STATUTORY PERIOD FOR REPLY CHEVER IS LONGER, FROM THE MAILING DATE on a sions of time may be available under the provisions of 37 CFR 1.13 SIX (6) MONTHS from the mailing date of this communication. Period for reply is specified above, the maximum statutory period were to reply within the set or extended period for reply will, by statute, eply received by the Office later than three months after the mailing and patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tim vill apply and will expire SIX (6) MONTHS from , cause the application to become ABANDONE	N. lely filed the mailing date of this communication. D (35 U.S.C. § 133).			
Status						
2a) <u></u> ☐	Responsive to communication(s) filed on <u>27 Ju</u> This action is FINAL . 2b) This Since this application is in condition for allowar closed in accordance with the practice under E	action is non-final. nce except for formal matters, pro				
Dispositi	on of Claims					
5)□ 6)⊠ 7)□	Claim(s) <u>1-6</u> is/are pending in the application. 4a) Of the above claim(s) <u>5 and 6</u> is/are withdra Claim(s) is/are allowed. Claim(s) <u>1-4</u> is/are rejected. Claim(s) is/are objected to. Claim(s) <u>5 and 6</u> are subject to restriction and/o					
Applicati	on Papers					
10)	The specification is objected to by the Examine The drawing(s) filed on is/are: a) access Applicant may not request that any objection to the GReplacement drawing sheet(s) including the correct The oath or declaration is objected to by the Ex	epted or b) objected to by the Eddrawing(s) be held in abeyance. See ion is required if the drawing(s) is obj	e 37 CFR 1.85(a). ected to. See 37 CFR 1.121(d).			
Priority u	ınder 35 U.S.C. § 119					
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 						
	e of References Cited (PTO-892)	4) Interview Summary				
3) 🔲 Inforn	e of Draftsperson's Patent Drawing Review (PTO-948) nation Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 'No(s)/Mail Date	Paper No(s)/Mail Da 5) Notice of Informal P 6) Other:	atent Application (PTO-152)			

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Remarks

Applicant elects Group I of claims 1-4 without traverse dated 6/27/06.

Claim Rejections - 35 U.S.C. 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-4 are rejected under 35 U.S.C. 102(e) as being anticipated by Yazaki et al. (6,920,109).

Regarding Claim 1, Yazaki discloses a method of flow control in a packet switch, comprising the steps of:

- classifying an incoming packet according to its priority based on predefined rules to produce a lifetime value associated with the packet (See Col. 4, line 33 to Col. 5, line 42);
- sending the packet and associated lifetime value to a queue (See Col. 4, line
 33 to Col. 5, line 42);
- periodically changing the lifetime value and comparing the changed value to a threshold value (See Col. 5, line 43 to Col. 6, line 6); and
- removing (discarding) the packet from the queue based on the comparing (See Col. 6, lines 7-34).

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Regarding Claim 2, Yazaki further discloses the steps of:

 determining a weight value based on the priority of the packet (See Col. 1, lines 41-64);

- determining a queue occupancy (queue length, L) in a queue to which the packet is assigned (See Col. 1, lines 41-64);
- producing the lifetime value (Fi) based on the weight value and the queue occupancy (See Col. 1, lines 41-64); and
- discarding the packet if its associated lifetime value is below the threshold value (e.g. low priority) (See Col. 5, line 43 to Col. 6, line 6).

Regarding Claim 3, Yazaki discloses that the discarding of the packet occurs before sending the packet and associated lifetime value to the queue (See Col. 5, line 43 to Col. 6, line 57).

Regarding Claim 4, Yazaki discloses that lifetime is periodically decremented (by counter 513) and the packed is removed from the queue when reaching the threshold value (Se Col. 5, line 43 to Col. 6, line 67).

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Henderson et al. (7,058,789) discloses a system for packet storage and retrieval. Yu (7,031,341) discloses an interfacing apparatus for adapting Ethernet directly to physical channel. Goren et al. (6,882,623) discloses a multi-level scheduling method. Blumer et al. (6,856,596) discloses an approximation of the weighted random early detection buffer admittance algorithm. Ryu et al. (6,791,949)

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discloses a network protocol for wireless ad hoc networks. Teng (4,642,758) discloses a file transfer scheduling arrangement.

Correspondence

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Wilson Lee whose telephone number is (571) 272-1824.

Papers related to Technology Center 2800 applications may be submitted to Technology Center 2800 by facsimile transmission. Any transmission not to be considered an official response must be clearly marked "DRAFT". The official fax number is (571) 273-8300.

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Wilson Lee

Primary Examiner
U.S. Patent & Trademark Office

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7/10/06